

ABSTRACT OF THE DISCLOSURE

A snow melting system including a controller, a first heater supplying heat under the control of the controller, the first heater supplying heat at a power density, a moisture detection apparatus located apart from the first heater, the moisture detection apparatus communicatively
5 coupled to the controller and a second heater located proximate to the moisture detection apparatus, the controller directing power to the second heater at an other power density, the other power density substantially the same as the power density.